

Title: **Quality Control Record Sheet**
¹²⁵I-labelled MuSK QC Data

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 Revision: **0**
 Issue date: **20.10.2021**
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Prepared by: **G FLOOD**
 Approved by: **J BRADBURY**

Kit Lot Number: KMK233
¹²⁵I-labelled MuSK: MK233
 Reconstitution Buffer: 168B
 Anti Human IgG: 180Gp
 Precipitation Enhancer: PE187
 Wash Solution: 422W
 Negative Control: MKN40k
 Positive Control: MKP41b

Kit Expiry Date: 06 MARCH 2023
 Expiry Date: 06 MARCH 2023
 Expiry Date: 01 SEPTEMBER 2023
 Expiry Date: 15 OCTOBER 2023
 Expiry Date: 09 OCTOBER 2023
 Expiry Date: 25 MAY 2023
 Expiry Date: 15 JULY 2023
 Expiry Date: 15 JULY 2023

Specific activity of ¹²⁵I-labelled MuSK: 1877 Ci/mmol (34.1 μ Ci/ μ g)

Total cpm in 50 μ L of labelled MuSK: 47768

MuSK labelling date: 09 JANUARY 2023

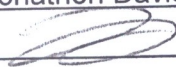
% Counter Efficiency: 72.3

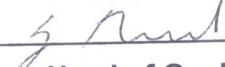
¹²⁵I Decay Table:

QC date (weeks after labelling date)	Decay factor
up to 1 week	1.0
+1 - 2 weeks	1.1
+2 - 3 weeks	1.2
+3 - 4 weeks	1.3
+4 - 5 weeks	1.4
+ 5 - 6 weeks	1.5
+ 6 - 7 weeks	1.6
+ 7 - 8 weeks	1.75

Positive Control	Mean cpm	Nmol/L	Range (nmol/L)
Negative Control	266	-	-
Positive Control	11748	0.751	0.63 \pm 0.31

Materials of human origin used in the manufacture of this product have been tested and found non-reactive for HIV1 and 2 and HCV antibodies and HBsAg at the time of testing.

Assay Date: 12 JANUARY 2023
 Performed by: Jonathon Davies
 Signature: 
 Position: Scientist

Authorised by: DR G flood
 Signature: 
 Position: Head of Quality Control
 Date: 12th JAN 2023